



dNTP Mix

(dATP, dCTP, dGTP and dTTP)

Cat. No.

Lot. No.

Dispense No.

Expiry date

Description:

This ready-to-use mix consists of dATP, dCTP, dGTP and dTTP (each at a final concentration of 20 mM) in TE buffer, within one vial. The total concentration is 80 mM.

dTTP

Formula: $C_{10}H_{12}N_2O_{14}P_3$ (Anion)

Formula Weight: 478.16 (Anion)

dGTP

Formula: $C_{10}H_{12}N_5O_{13}P_3$ (Anion)

Formula Weight: 503.18 (Anion)

dCTP

Formula: $C_9H_{12}N_3O_{13}P_3$ (Anion)

Formula Weight: 463.15 (Anion)

dATP

Formula: $C_{10}H_{12}N_5O_{12}P_3$ (Anion)

Formula Weight: 487.18 (Anion)

Shipping and Storage conditions:

Routine storage: $-20^{\circ}C$

Shipping and temporary storage for up to 1 month at room temperature has no detrimental effects on the quality of this reagent.

Quality Control:

Assay	Result
HPLC	>99% pure
Functional quality (via PCR)	passed
Stability at ambient temperature	passed

Safety warnings and precautions:

This product and its components should be handled only by persons trained in laboratory techniques. It is advisable to wear suitable protective clothing, such as laboratory overalls, gloves and safety glasses. Care should be taken to avoid contact with skin or eyes. In case of contact with skin or eyes, wash immediately with water.

Some applications this product is used in may require a license which is not provided by the purchase of this product. Users should obtain the license if required.

FOR RESEARCH USE ONLY

APPROVED BY:
